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 51 cgagcugccg caggaagcgu uccucgccau ucugcacguc ggcaaagaca
 101 acaaauaacc cuuaggaguu ggcauggcga auauguuugc ccugauucug
 151 gugauugcca cacuggugac gggcauuuaa uggugcgugg auaaaauucu
 201 uuucgcaccu aaacggcggg aacgucaggc agcggcgag gcggcucggg
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 301 cuggaaaccg gugcuucugu uuuuccggua cuggcuauccg uauugauugu
 351 gcguucguu auuuangaac cguuccagau cccgucaggu ucgaugaugc
 401 cgacucuguu aaugggugau uuuaucugg uagagaaguu ugcuauggc
 451 auuaaagauc cuaucuacca gaaaacgcug aucgaaaacg gucauccgaa
 501 acgcggcgau aucguggucu uuaaaauacc ggaagaucca aagcuu

FIGURE 1

1 cugcagggcug aggguguugcc cuuacaaaug caacaacgac auggauuaca
 51 acaccucucu aaacaaaggg caaucaccug aucuaagcuc uuaccuauga
 101 cagugauagg uuaugccuuu uacucgacuu uugcacugac ugaaaaggac
 151 aaauuaaugu uaaaaaagau acuuuuacug gcucugcuuc cugcaaucgc
 201 cuucgcagag gaacuuccug cuccaguaaa agcgauugaa aaacagggca
 251 uuacaaucan caaaacauuc gaugcccccg gaggaaugaa agguuauuc
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 451 caacggauug aacaauccca cuggcuccuc gacgguaaaa aagaugcgcc
 501 ggucauuguc uacgucuucg ccgaucgguu cugcccauau uguaaaacagu
 551 ucuggcagca ggcgcgcccg ugguuagauu cuggcaaagu gcaauuaaga
 601 acauuguugg uugggguuau caagccagaa agcccggcg cagcagcgcc
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 701 cugguggcaa gcuu

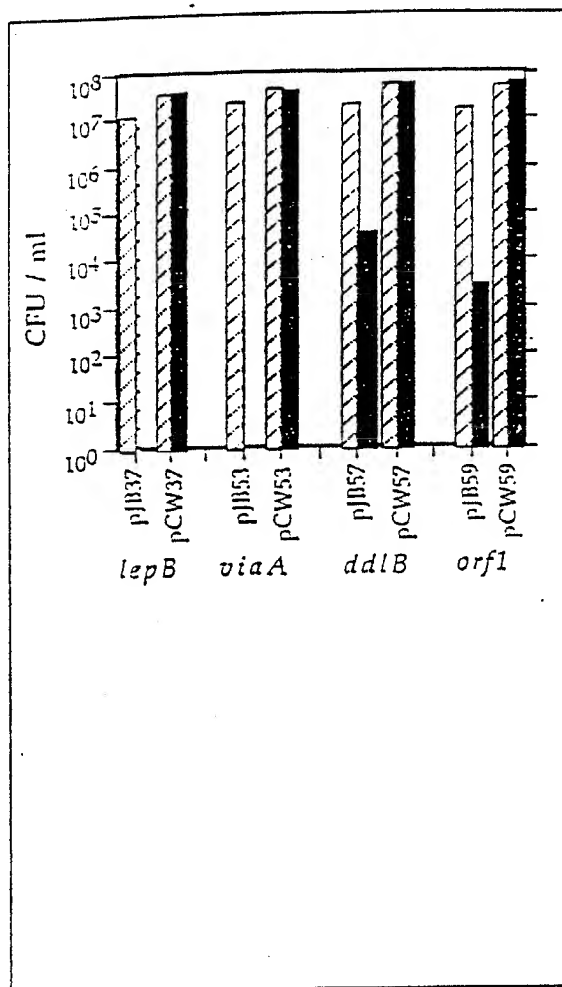
Figure 2

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 151 aaattaatgt taaaaaagat acttttactg gctctgcttc ctgcaatcgc
 201 cttcgcagag gaacttcctg ctccagtaaa agcgattgaa aaacagggca
 251 ttacaatcat caaaacattc gatgcccccg gaggaatgaa aggttatctc
 301 ggaaagtatc aggatatggg cgtcaccatc tacctgactc cagatggtaa
 351 gcacgctatc tctgggtaca tgtacaacga gaaaggtgaa aacctgagta
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 451 caacggatgg aacaatccca ctggctcctc gacggtaaaa aagatgcgcc
 501 ggtcattgtc tacgtcttcg ccgatacgtt ctgcccatac tgtaaacagt
 551 tctggcagca ggcgcgcgcg tgggtagatt ctggcaaagt gcaattaaga
 601 acattgttgg ttgggggttat caagccagaa agcccggcgz cagcagcggc
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 701 ctggtggcaa gctt

FIGURE 3

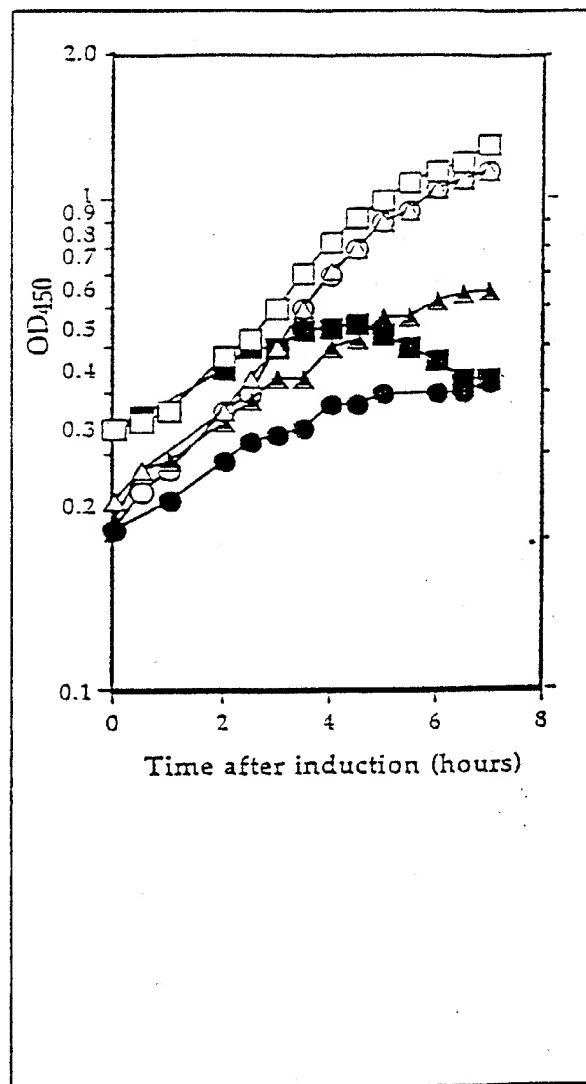
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 151 cuuugcaacc uaacgucguc caugcuuua gcacuaaugc cugcaaaug
 201 gccucuugug acgcuuccag accugcgggg cagaaauacu gugucucauc
 251 agagagauac uucgccucau aaucuaagaa gguuccggac gguugaauac
 301 guauugacgg uaaaauuucu ucaccgagua ucgcaaccgu gaacuccggc
 351 ccacuagcc auuuuucaau caauacuucu ucaucgugcu gaaaugccaa
 401 ucuuaaugca ucuuguagag cauuuucugc uacuacuuuu gacauuccca
 451 cacuggaacc uucgcggcuc ggcuuaacga uaaccggcaa acccagagca
 501 gaaauuucug cuaacugcuu aucgcucagg ccuuuuucaa acucugcgcg
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 601 guuugcugcg uaguuuaucc auugaaagcg cagaugccau cacuccgcuu
 651 ccgguaaag gcaagcccau cagcucgagc aucccccugca gcguaccauc
 701 uucaccgccg cgaccgugua gcgcgaauaa cacuuucuga aagcccaucg
 751 acuucaguug cgucacgucg acuucuuucg ggucgacagg auacgcguca
 801 auaccgccuu cacgcagucc ggcuaacacc gcugcgccag aaucagaga
 851 aacuucccgc ucagcgaggg ucccaccaa caggaccgcg auuuuauag
 901 ucauguuguu cuuccuccgg aguuugcggc uucaguuga uuucagcuaa
 951 agaacgggca auuuuuccaa uauuaccagc cccugaacg agaaucaggu
 1001 cguuaccggu uaaauaccggu gccagcaucu cggcuaccgg cgccggaucc

FIGURE 4



□ - IPTG
 ■ + IPTG

FIGURE 6



lepB pJ37 —□— pJ37 + IPTG
ddlB pJ57 —○— pJ57 + IPTG
orf1 pJ59 —△— pJ59 + IPTG

FIGURE 7

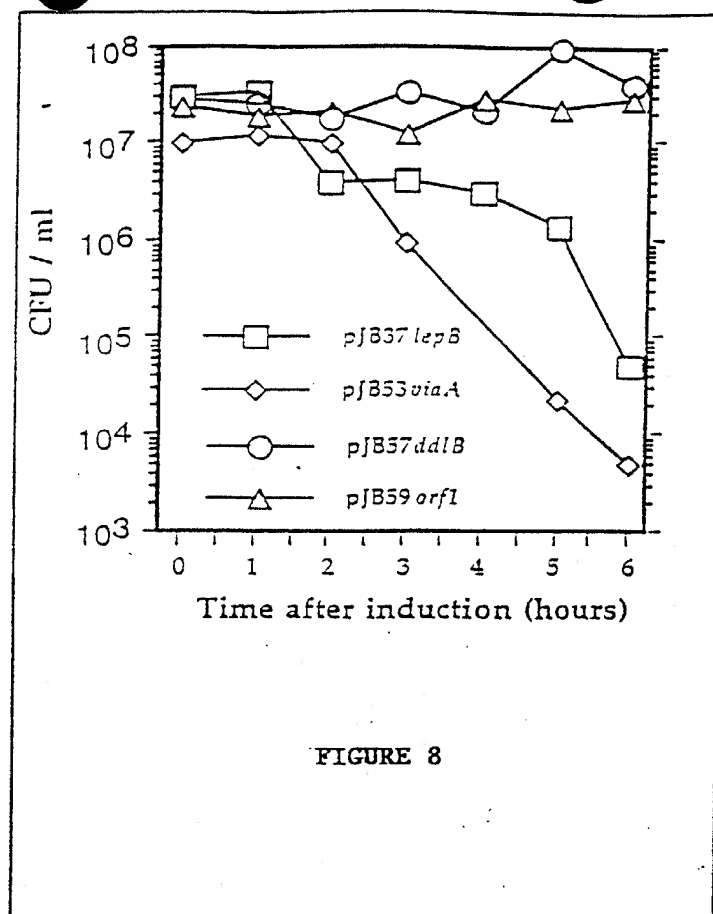


FIGURE 8

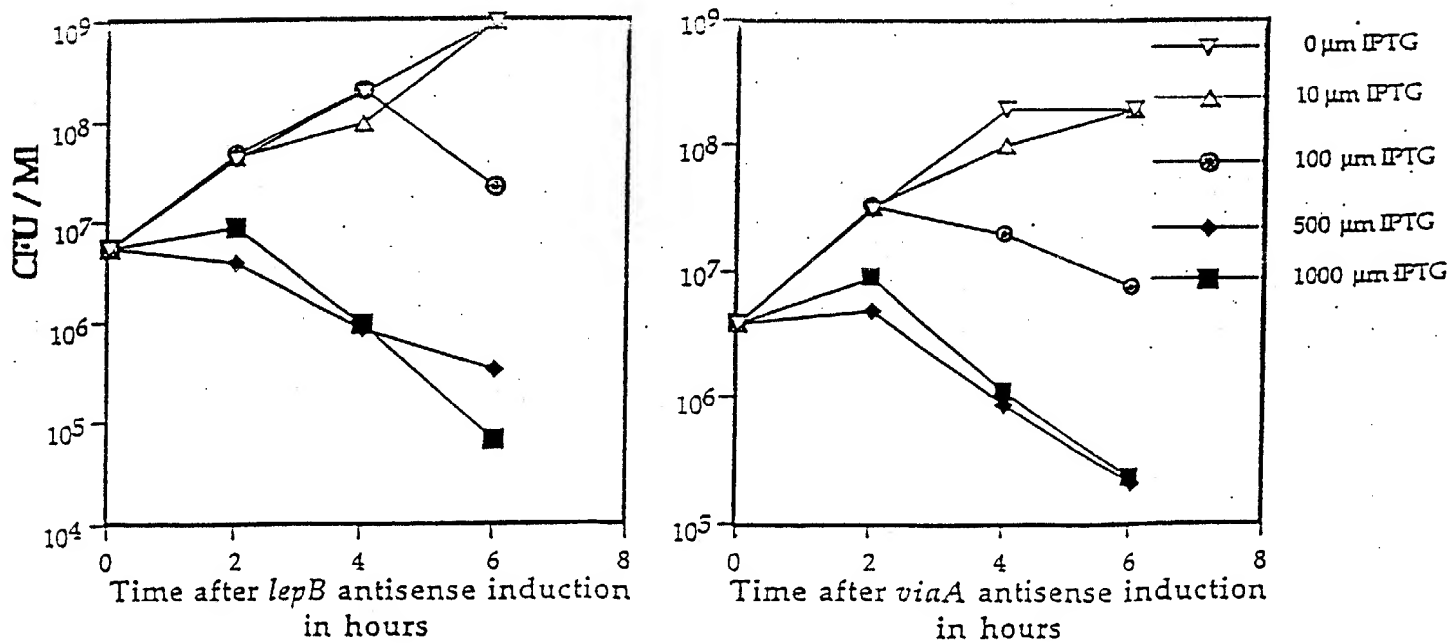


FIGURE 9

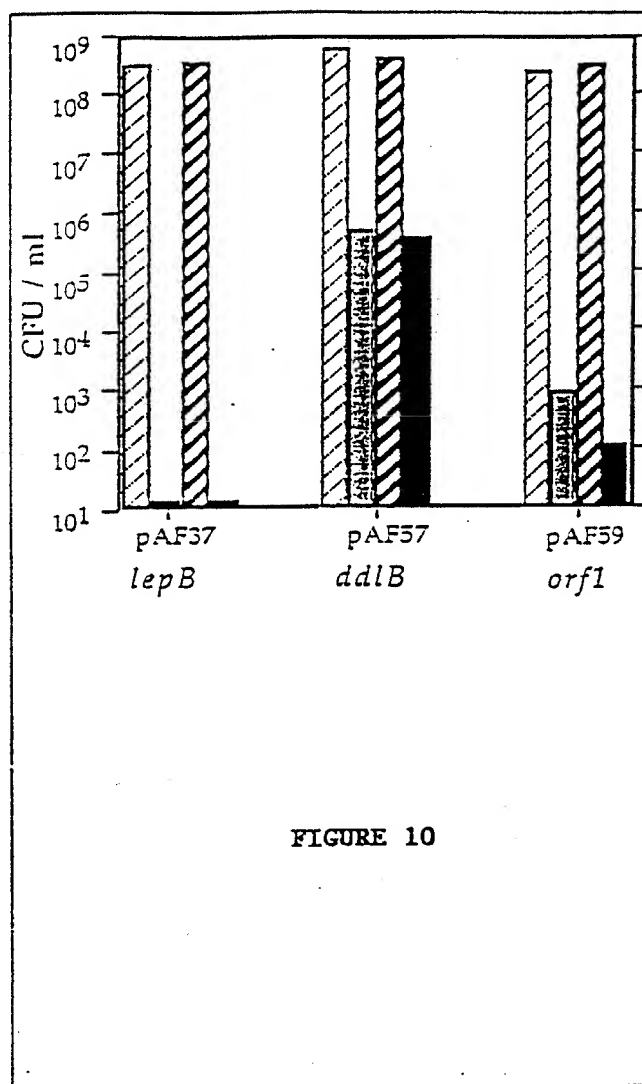


FIGURE 10

+ amp + spec
 + amp + 1 mM IPTG + spec + 1 mM IPTG

1 ctgcaggctt taatgataag atttgtgcmc taaatacgtt tgaatatgat
 51 cgggatggca ataacgtgag tggaatactg acgcgctggc gacagtttgg
 101 taaacgctac ttctggccgc atctcttatt agggatgggt gcggcgagtt
 151 taggtttgcc tgcgctcagc aacgccgccg aaccaaacgc gcccgcaaaa
 201 gcgacaaccc gcaaccacga gccttcagcc aaagttaact ttggtcaatt
 251 ggcottgctg gaagcgaaca cagccgcccc gaattcgaac tattccgttg
 301 attactggca tcaacatgcc attcgcacgg taatccgtca tctttctttc
 351 gcaatggcac cgcaaacact gcccgttgct gaagaatctt tgcctcttca
 401 ggcgcaacat cttgcattac tggatacgtc cagcgcgctg ctgacdcagg
 451 aaggcacgcc gtctgaaaag ggttatcgca ttgattatgc gcattttacc
 501 ccacaagcaa aattcagcac gcccgctctg ataagccagg cgcaaggcat
 551 ccgtgctggc cctcaacgcc tcacctazca acaataaacc tttacttcat
 601 tttattaact ccgcaacgcg gggcgtttga gattttatta tgctaataca
 651 attgttaact aaagttttcg gtagtcgtaa cgatcgacc ctgcgccgga
 701 tgcgcaaagt ggtcaacatc atcaatgcc tggaaacgga gatggaaaaa
 751 ctctccgacg aagaactgaa agggaaaacc gcagagtttc gtgcacgtct
 801 ggaaaaaggc gaagtgctgg aaaatctgat cccgga

FIGURE 11

1 uccggggauca gauuuuccag cacuucgccu uuuuccagac gugcacgaaa
 51 cucugcgguu uucccuuuca guucuucguc ggagaguuuu uccaucuccg
 101 guuccauggc auugaugaug uugaccacuu ugcgc auccg gcgcagggug
 151 cgauvcguuac gacuaccgaa aacuuuaguu aacaauuuga uuagcauaau
 201 aaaaucucaa acgccccgcg uugcggaguu aaauaaauga aguaaagggu
 251 uauuguuguu agguagaggcg uugagggcca gcacggaugc cuugcgccug
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 451 uucucagca acgggcagug uuugcgugc cauugcgaaa gaaagaugac
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 601 aacuuuggcu gaaggcucgu gguugcgguu ugucgcuuuu gcgggcgcgu
 651 uugguucggc ggcguugcug agcgcaggca aaccuaaacu cgccgcaacc
 701 aucccuaua agagaugcg ccagaaguag cguuuaccaa acugucgcca
 751 gcgcgucagu auuccacuca cguuauugcc aucccgauca uauucaaacg
 801 uauuuagcg acaaaucua ucauuaaagc cugcag

FIGURE 12